

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT
RENEWAL

PERMITTEE

N. Henry & Sons
Attn: Ben Wolf
6450 West Cortland Street
Chicago, Illinois 60707

Application No.: 96090084

I.D. No.: 031600GAQ

Applicant's Designation: NHEN-1

Date Received: January 24, 2002

Subject: Screen Printing Facility

Date Issued: November 19, 2003

Expiration Date: November 19, 2008

Location: 6450 West Cortland Street, Chicago, 60707

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of 5 screen printing lines pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., less than 25 tons/yr of volatile organic materials (VOM), 10 tons/yr of any single hazardous air pollutant (HAP), and 25 tons/yr of total combined hazardous air pollutants (HAPs)). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
2. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.
3. Emissions and operation of 5 screen printing lines shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Lb/Mo)</u>	<u>(Lb/Yr)</u>	<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>
Inks	1,070	10,740	1,070	5.37
Solvents	2,460	24,600	2,460	12.30

These limits are based on complete volatilization of the VOM content of the materials, material VOM usage = material usage x material VOM content, and information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

4. In the event that the operation of this emission unit results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
5. No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or storage activity beyond the property line of the emission source, pursuant to 35 Ill. Adm. Code 212.301.
6. The Permittee shall maintain the following records:
 - a. Name, usage (gal/mo and gal/yr), VOM and HAP content (lb/gal or % wt.), and VOM and HAP emissions for the following materials:
 - i. Inks; and
 - ii. Solvents.
7. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
8. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
9. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

10. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year:
 - a. Ink usage; and
 - b. Solvent usage.

If you have any questions on this, please call Eric Jones at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

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cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance Section
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from screen printing facility operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The facility is limiting the usage of volatile organic material in the inks and solvent to 35,340 lbs per year. The resulting maximum emissions are well below the levels, e.g., 25 tons/yr of volatile organic materials (VOM), 10 tons/yr of any single hazardous air pollutant (HAP), and 25 tons/yr of total combined hazardous air pollutants (HAPs) at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled and control measures are more effective than required in this permit.

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